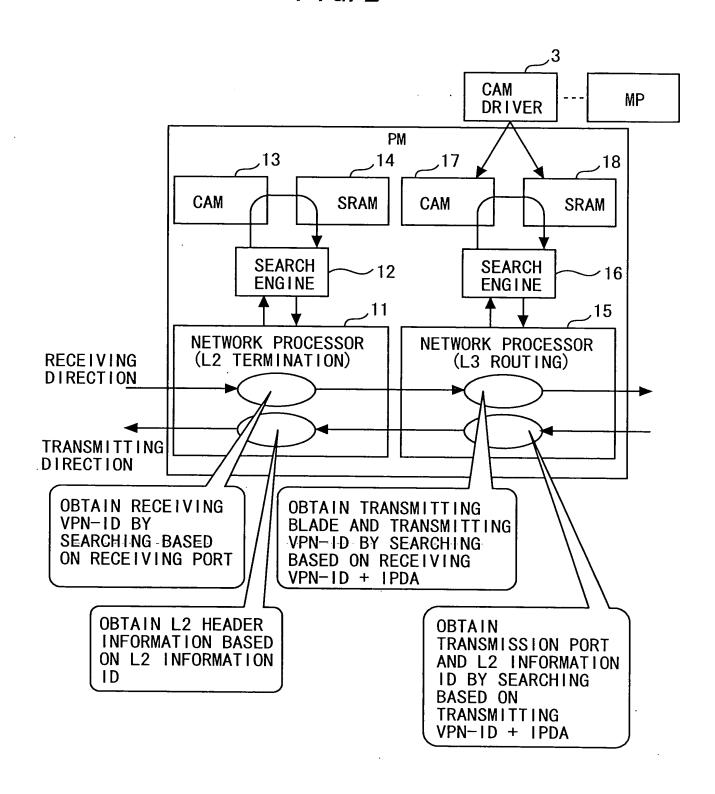
		-SIDE VPN									-	:														
	ASSOCIATIVE DATA INFORMATION	IRANSMIII ING-SIDE	Y	A	A	A	A	A	Y	A	A	A	A	A	В	В	8	8	8	8	B	В	В	В	8	8
	CIATI)	<u></u>		1	1	1	1	1	1	1	1	1	1	-	-	-	-	_	_	1	1	-	-	-	1	1
R TERMINAL)	SRAM ASSI	BLADE NUMBER	SWB1	SWB1	18MS	SWB1	SWB1	SWB1	18MS	SWB1	SWB1	18MS	SWB1	SWB1	SWB2	SWB2	SWB2	SWB2	SWB2	SWB2	SWB2	SWB2	SWB2	SWB2	SWB2	SWB2
ROUTING ENTRY (FOR	営.	ADDRESS	160.0.0.1	160.0.0.2	160.0.0.3	160.0.0.1	160.0.0.2	160.0.0.3	160.0.0.1	160.0.0.2	160.0.0.3	160.0.0.1	160.0.0.2	160.0.0.3	190.0.0.1	190.0.0.2	190.0.0.3	190.0.0.1	190.0.0.2	190.0.0.3	190.0.0.1	190.0.0.2	190.0.0.3	190.0.0.1	190.0.0.2	190.0.0.3
ROUTING	CAM ENTRY	M	V	A	A	В	В	8	O	ပ		0	0	٥	A	Y	A	В	8	8	3	ŋ	9	0	0	0
F1G. 1B								(é	(20)	REMARKS			ISP.A→ TERMINAL GROUP A	SERVER C → TERMINAL GROUP A	SERVER D→ TERMINAL GROUP A		SERVER C→ TERMINAL GROUP B	SERVER D\(\rightarrow\) TERMINAL GROUP B	TERMINAL GROUP A→ ISP.A	TERMINAL GROUP B→ ISP.B	TERMINAL GROUP A SERVER C	TERMINAL GROUP B→ SERVER C	TERMINAL GROUPS A, B-SERVER C	TERMINAL GROUP A→ SERVER D	TERMINAL GROUP B→ SERVER D	TERMINAL IGROUPS A, B→SERVER D
								STAGA NACH		OKAM AVVUCIALIVE DALA INFORMATION		-SIDE VPN	A	A	A	8	В	8	A	В	9	0	9	0	0	Q
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								ر ا	Z ES	NEOF	RI ADF		SWB1	SWB1	SWB1	SWB2	SWB2	SWB2	OBMS	OBMS	SIBO	SEBO	SMBO	SWBO	SWBO	SWB0
								TIME ON T	KUULING ENIKIES	CAM ENIKY INFORMATION	ADDRESS		160.0.0.0	160.0.0.0	160.0.0.0	190.0.0.0	190.0.0.0	190.0.0.0	160.1.0.0	190.1.0.0	210.0.0.0	210.0.0.0	210.0.0.0	220.0.0.0	220.0.0.0	220.0.0.0
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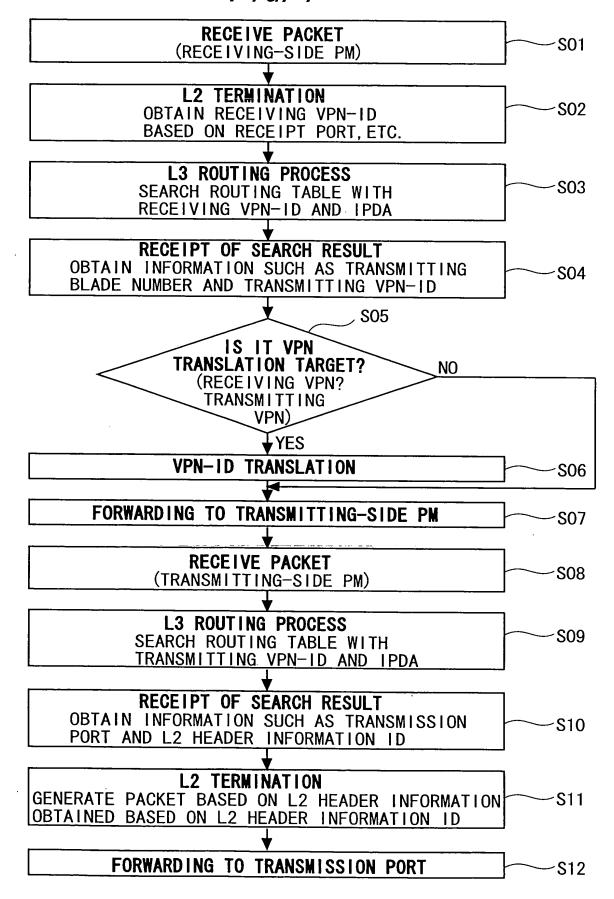
F/G. 2



F16.34

						TRANSMITTING L2 HEADER -SIDE VPN-ID INFORMATION ID		
		L2 HEADER INFORMATION			18:SRAM			•••
			•••		11	TRANSMISSION PORT		
۲5 .	14:SRAM	RECEIVING-SIDE VPN-ID		38		TRANSMITTING TRANSMISSION -SIDE PM PORT		
1 1a. 07		ADDRESS		F1G. 3B		SRAM ADDRESS		
		ID SRAM			TABLE)	IP DA		
		L2 HEADER INFORMATION ID	•••		CAM DEVICE (ROUTING TABLE) 17:CAM	DE OR SIDE) VPN-ID		•••
	13:CAM	RECEIPT PORT			CAM DEV 17:CAI	(RECEIVING-SIDE OR TRANSMITTING-SIDE) VPN-ID		

F/G. 4



F/G. 5

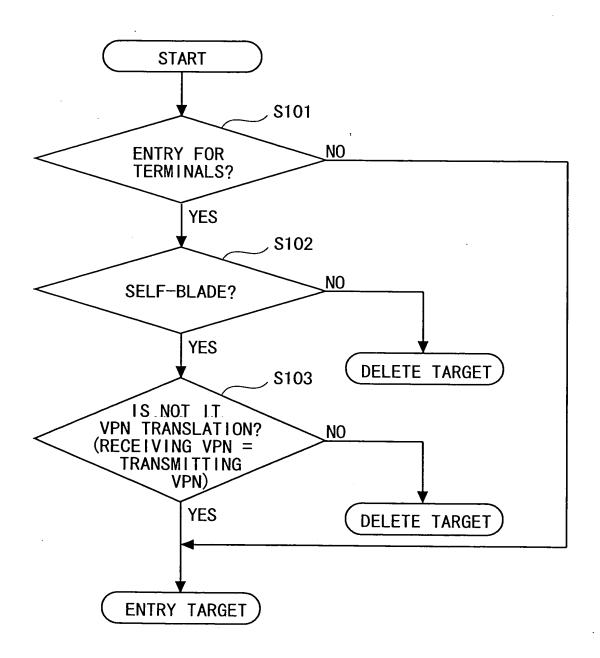
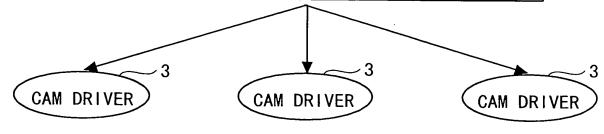


FIG. 6A

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CAM ENTRY	INFORMATION		CIATI'	VE DATA INFORMATION
VPN	ADDRESS	BLADE NUMBER	PORT	TRANSMITTING-SIDE VPN
A	160. 0. 0. 1	SWB1	1	A
A	160. 0. 0. 2	SWB1	_1	A
A	160. 0. 0. 3	SWB1	1	A
B	160. 0. 0. 1	SWB1	1	A
В	160. 0. 0. 2	SWB1	1	A
В	160. 0. 0. 3	SWB1	1	A
С	160. 0. 0. 1	SWB1	1	A
C	160. 0. 0. 2	SWB1	1	A
С	160. 0. 0. 3	SWB1	1	A
D	160. 0. 0. 1	SWB1	1	A
D .	160. 0. 0. 2	SWB1	1	A
D	160. 0. 0. 3	SWB1	1	A
Α	190. 0. 0. 1	SWB2	1	В
Α	190. 0. 0. 2	SWB2	1	В
Α	190. 0. 0. 3	SWB2	1	В
В	190. 0. 0. 1	SWB2	1	В
В	190. 0. 0. 2	SWB2	1	В
В	190.0.0.3	SWB2	-1-	В
С	190. 0. 0. 1	SWB2	1	В
С	190. 0. 0. 2	SWB2	1	В
С	190. 0. 0. 3	SWB2	1	В
D	190. 0. 0. 1	SWB2	1	В
D	190. 0. 0. 2	SWB2	1	В
D	190. 0. 0. 3	SWB2	1	В



F1G. 6B

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	(FOR TERMINAL) CAM DRIVER	VE CAM ENT	TING-SIDE VPN V	A	A 160,	A	B B	SWB1 1 B 100	SWB1	SWB1 1 A A C 160	Φ (0.	SWB1 (1 1 6 16	Α	A D	A	W :	.W	В	œ	&	æ	O		9	0	8	8
	(FOR TERMINAL) CAM DRIVER	SRAM ASSOCIATIVE CAM ENT DATA INFORMATION INFORMA	TING-SIDE VPN V	SWB1 1 A	SWB1 1 A 160,	SWB1 1 A	SWB1 1 A		SWB1 1 A	A (6	SWB1 1 A	(a) (b) (c) (c) (d)	1 A D	SWB1 A B	SWB1 1 0	B	SWB2 [1 B B	SWB2 1 B	. B.	SWB2 1 B	SWB2 1 B	O	8 C		0 8	SWB2 1 B D	SWB2 B D
	ENTRY (FOR TERMINAL) 3 CAM DRIVER	SRAM ASSOCIATIVE CAM ENT DATA INFORMATION INFORMA	TING-SIDE VPN V	SWB1 1 A	SWB1 1 A 160,	SWB1 1 A	SWB1 1 A	SWB1 1 A	SWB1 1 A	SWB1 1 A	SWB1 1 A	. SWB1	SWB1 1 A	SWB1 A B	SWB1 1 0	SWB2 1 B	SWB2 [1 B B	SWB2 1 B	SWB2 1 B	SWB2 1 B	SWB2 1 B	SWB2 1 B	SWB2 1 B	SWB2 1 B C	SWB2 (1 B 0	SWB2 1 B D	SWB2 B D
	ENTRY (FOR TERMINAL) 3 CAM DRIVER	SRAM ASSOCIATIVE CAM ENT DATA INFORMATION INFORMA	TING-SIDE VPN V	SWB1 1 A	SWB1 1 A 160,	SWB1 1 A	SWB1 1 A	SWB1 1 A	SWB1 1 A	SWB1 1 A	SWB1 1 A	. SWB1	SWB1 1 A	SWB1 A B	SWB1 1 0	SWB2 1 B	SWB2 [1 B B	SWB2 1 B	SWB2 1 B	SWB2 1 B	SWB2 1 B	SWB2 1 B	SWB2 1 B	SWB2 1 B C	SWB2 (1 B 0	SWB2 1 B D	SWB2 B D
EACH CAM DRIVER DELETES ENTRIES OF SELF-BLADE NU	ENTRY (FOR TERMINAL) 3 CAM DRIVER	SRAM ASSOCIATIVE CAM ENT DATA INFORMATION INFORMA	TING-SIDE VPN V	SWB1 1 A	160 0.0.2 SWB1 1 A 160	160, 0.0.3 SWB1 1 A	160,0,0,1 SWB1 1 A	[60, 0, 0, 2] SWB1 1 A	[60,0,0,3] SWB1 1 A	A (6)	[16] 0.0.0.3 SWB1 1.1 A. A.	1 A D	SWB1 A B	1 A	SWB2 1 B	SWB2 [1 B B	190, 0, 0, 3 SWB2 1	. B.	SWB2 1 B	190.0.0.3 SWB2 1 B	SWB2 1 B	SWB2 1 B	SWB2 1 B C	SWB2 (1 B 0	SWB2 1 B D	SWB2 B D
	ENTRY (FOR TERMINAL) 3 CAM DRIVER	SRAM ASSOCIATIVE CAM ENT DATA INFORMATION INFORMA	-SIDE VPN V	SWB1 1 A	SWB1 1 A 160,	SWB1 1 A	SWB1 1 A	SWB1 1 A	SWB1 1 A	SWB1 1 A	SWB1 1 A	. SWB1	SWB1 1 A	. 1	SWB1 1 0	B	B	. 1	SWB2 1 B	&	. A	O	8 C		0 8	.D	SWB2 B D
	(FOR TERMINAL) CAM DRIVER	VE CAM ENT	TING-SIDE VPN V	SWB1 1 A	160 0.0.2 SWB1 1 A 160	160, 0.0.3 SWB1 1 A	160,0,0,1 SWB1 1 A	[60, 0, 0, 2] SWB1 1 A	[60,0,0,3] SWB1 1 A	[160_0_0_0] SWB1 1 A	160,0,0,2 SWB1 1 C	[16] 0.0.0.3 SWB1 1.1 A. A.	[160_0.0.1 SWB1 1 0	[160_0,0.2.1] SWB1 [1] [D.	[160, 0, 0, 3, SWB1 1 A	SWB2 1 B	190 0:0:2 SWB2 1	190, 0, 0, 3 SWB2 1	190, 0.0.1 SWB2 1 B	190.0.0.2 SWB2 1 B	190.0.0.3 SWB2 1 B	190 0.0.1 SWB2 1 B	[190_0.0.2] SWB2 1 B C	[190_0.0.3] SWB2 [1] B [C.]	SWB2 (1 B 0	[190, 0, 0, 2] SWB2 1 B	. 1

CONTENT SERVER 190.1.0.1 220.0.0. 210.0.0. SERVER C SERVER D 160. 1. I SP-A ISP-B VPN-B 11043 III a VPN-C VPN-D UP-LINK SIDE PM PRIOR ART F/G. 74 S BRAS ROUTER SYSTEM ACCESS-SIDE PM ACCESS-SIDE PM 160.0.0.2 160.0.3 190.0.0.2 190.0.3 190.0.0.1 160.0.0.1 TERMINAL GROUP A TERMINAL GROUP B

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/ 12. / 7	91	ADDRESS 160 0 0 1	160.0.0.7	160.0.0.3	160.0.0.1	160.0.0.2	160.0.0.3	160.0.0.1	160.0.0.2	160.0.0.3	160.0.0.1	160.0.0.2	160.0.0.3	190.0.0.1	190.0.0.2	190.0.0.3	190.0.0.1	190.0.0.2	190.0.0.3	190.0.1	190.0.0.2	190.0.0.3	190.0.0.1	190.0.0.2	190.0.0.3
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10. 10 PRIOR ARI	(NETWOR	ISP A→ TERMINAL GROUP A	SERVER C- TERMINAL GROUP A	SERVER D- TERMINAL GROUP A	ISP. B→ TERMINAL GROUP B	SERVER C-> TERMINAL GROUP B	SERVER D- TERMINAL GROUP B	TERMINAL GROUP A→ ISP.A	TERMINAL GROUP B→ ISP.B	TERMINAL GROUP A→ SERVER C	TERMINAL GROUP B→ SERVER C	TERMINAL GROUPS A, B→SERVER C	TERMINAL GROUP A→ SERVER D	TERMINAL GROUP B→ SERVER D	TERMINAL GROUPS A, B? SERVER D	-							V OF OVED! ADDED	S FOR TERMINALS	
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			0	0	0	0	0.0	0.0).0	0.0	0.0	0.0	0.0	0.0	0.0									FNTRIF	
	ROUTING ENTR	160 0 0 0	160.0.0	160.0.0.0	190.0.0	190.0	190.0.0.0	160, 1, 0, 0	190, 1, 0, 0	210.0.	210.0.0.0	210.0.0.0	220.0.	220.0.0.0	220.0.0.0							,		₽	اً ا